

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/002136

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16H61/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16H B60K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 90/05860 A (TOROTRAK DEV LTD) 31 May 1990 (1990-05-31) the whole document & EP 0 444 086 A 4 September 1991 (1991-09-04) cited in the application	1,7
A	DE 100 39 942 A (ZAHNRADFABRIK FRIEDRICHSHAFEN) 28 February 2002 (2002-02-28) paragraph '0006! - paragraph '0013! paragraph '0017!	1,7
A	EP 1 156 239 A (TOYOTA MOTOR CO LTD) 21 November 2001 (2001-11-21) paragraph '0066! - paragraph '0067!	1,7
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

13 July 2004

Date of mailing of the international search report

22/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Van Prooijen, T

# INTERNATIONAL SEARCH REPORT

Inte 1al Application No  
PCT/GB2004/002136

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 209 332 A (OKAYASU MAKI) 11 May 1993 (1993-05-11) column 2, line 8 - line 27 figure 5 -----	1,7

## INTERNATIONAL SEARCH REPORT

 Intg  
 nal Application No  
 PCT/GB2004/002136

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9005860	A	31-05-1990	AT 84602 T 15-01-1993
		AU 631386 B2 26-11-1992	
		AU 4620889 A 12-06-1990	
		BR 8907774 A 13-08-1991	
		CA 2003334 A1 21-05-1990	
		DD 297864 A5 23-01-1992	
		DE 68904434 D1 25-02-1993	
		DE 68904434 T2 06-05-1993	
		EP 0444086 A1 04-09-1991	
		ES 2037478 T3 16-06-1993	
		WO 9005860 A1 31-05-1990	
		GB 2227287 A , B 25-07-1990	
		HU 63234 A2 28-07-1993	
		IN 176702 A1 24-08-1996	
		JP 2646040 B2 25-08-1997	
		JP 4502954 T 28-05-1992	
		KR 137405 B1 24-04-1998	
		PL 165076 B1 30-11-1994	
		RU 2004863 C1 15-12-1993	
		US 5423727 A 13-06-1995	
		US 5395292 A 07-03-1995	
		CA 2008770 A1 30-07-1990	
EP 0444086	A	04-09-1991	AT 84602 T 15-01-1993
		AU 631386 B2 26-11-1992	
		AU 4620889 A 12-06-1990	
		BR 8907774 A 13-08-1991	
		CA 2003334 A1 21-05-1990	
		DD 297864 A5 23-01-1992	
		DE 68904434 D1 25-02-1993	
		DE 68904434 T2 06-05-1993	
		EP 0444086 A1 04-09-1991	
		ES 2037478 T3 16-06-1993	
		WO 9005860 A1 31-05-1990	
		GB 2227287 A , B 25-07-1990	
		HU 63234 A2 28-07-1993	
		IN 176702 A1 24-08-1996	
		JP 2646040 B2 25-08-1997	
		JP 4502954 T 28-05-1992	
		KR 137405 B1 24-04-1998	
		PL 165076 B1 30-11-1994	
		RU 2004863 C1 15-12-1993	
		US 5423727 A 13-06-1995	
		US 5395292 A 07-03-1995	
		CA 2008770 A1 30-07-1990	
DE 10039942	A	28-02-2002	DE 10039942 A1 28-02-2002
EP 1156239	A	21-11-2001	JP 2001330132 A 30-11-2001
			CN 1324736 A 05-12-2001
			DE 60100524 D1 04-09-2003
			DE 60100524 T2 03-06-2004
			EP 1156239 A1 21-11-2001
			US 2001044358 A1 22-11-2001
US 5209332	A	11-05-1993	JP 4118328 A 20-04-1992
			DE 4129620 A1 12-03-1992
			GB 2250331 A , B 03-06-1992